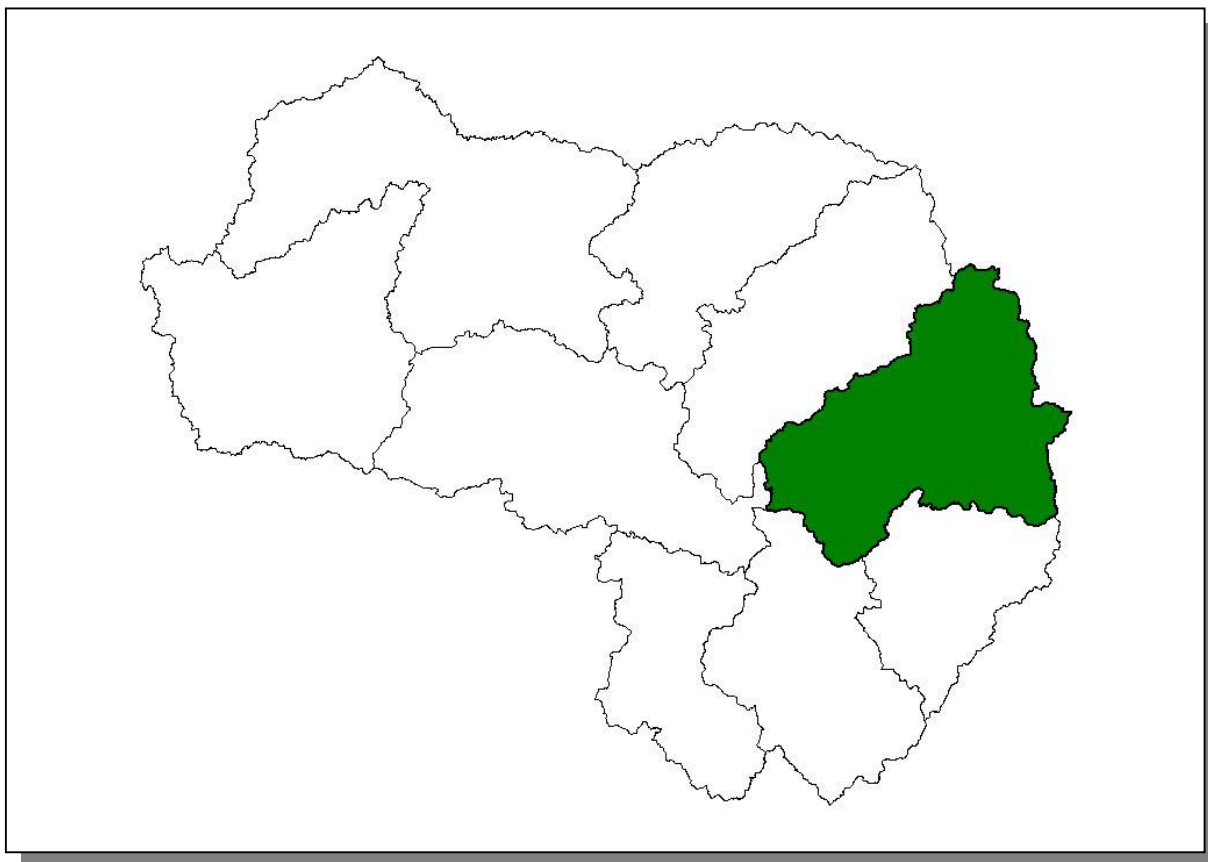
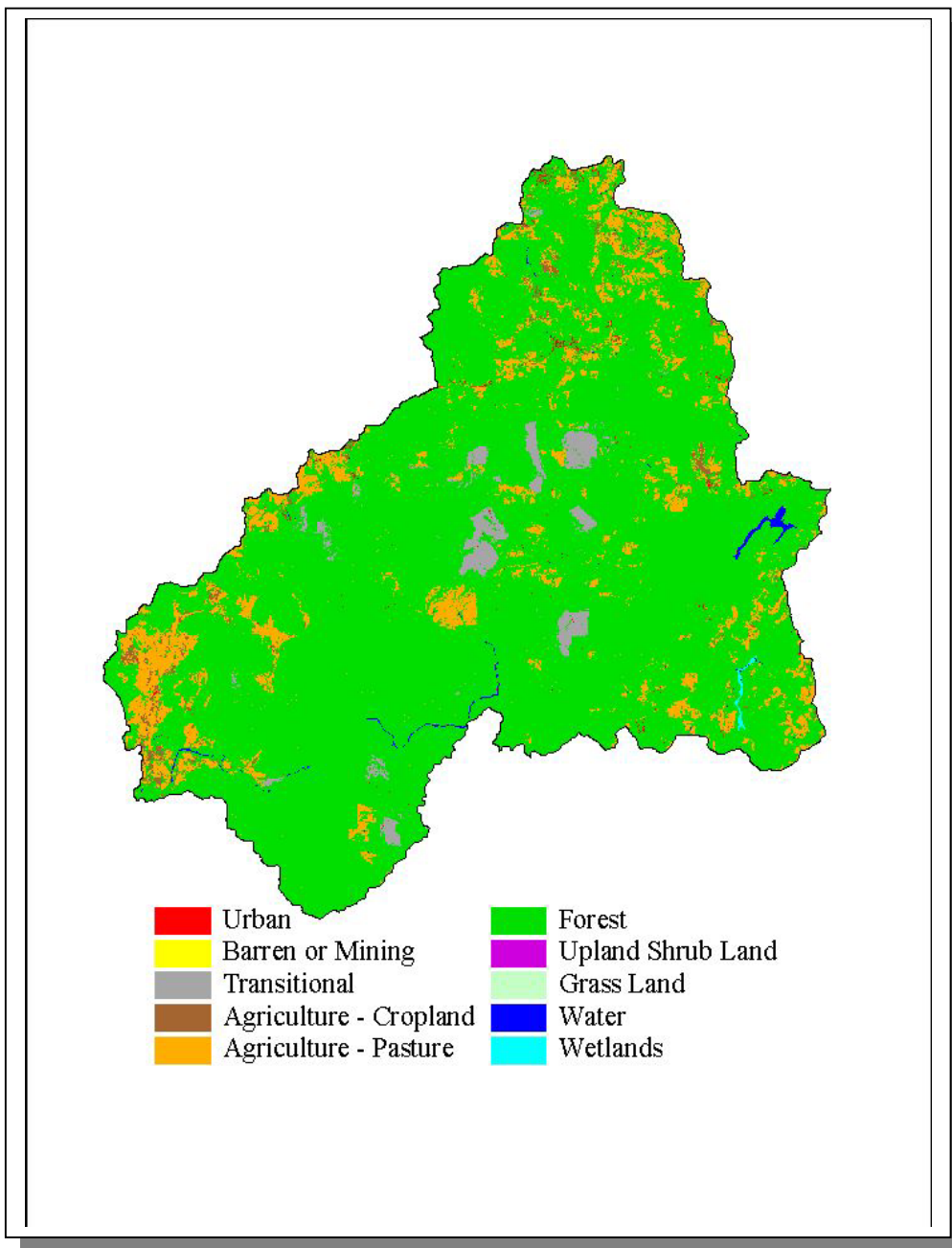


**4.2.A. 0513010801.**

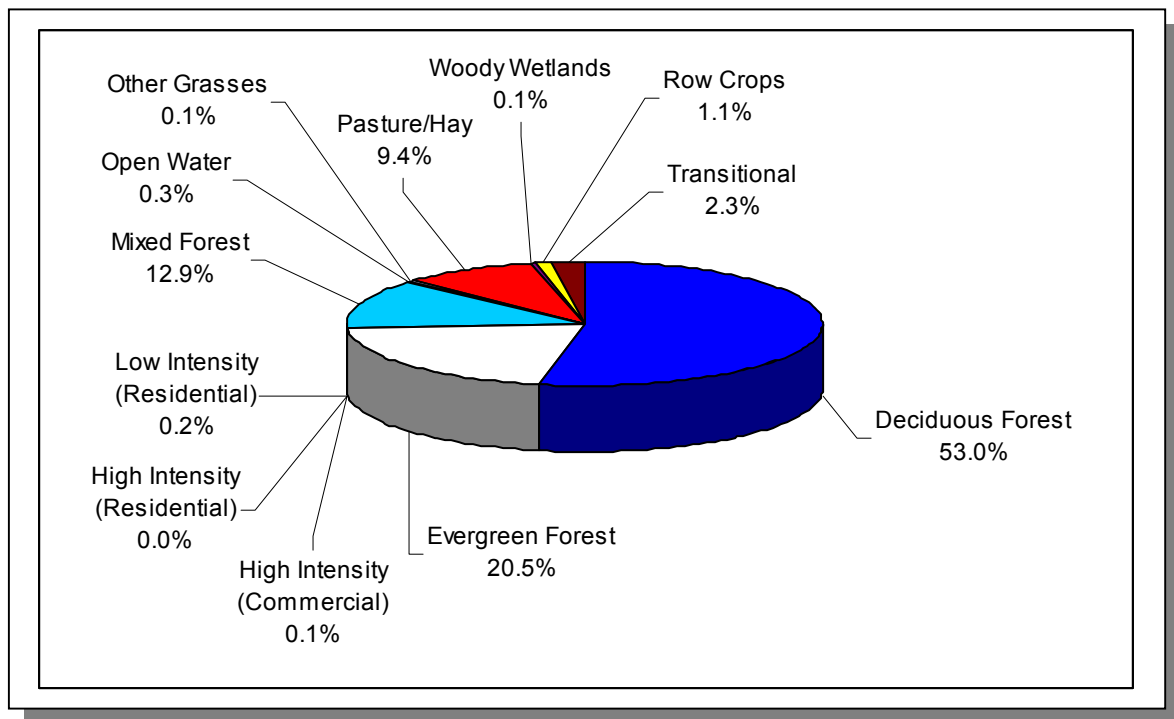


**Figure 4-2. Location of Subwatershed 0513010801.** All Caney Fork HUC-10 subwatershed boundaries are shown for reference.

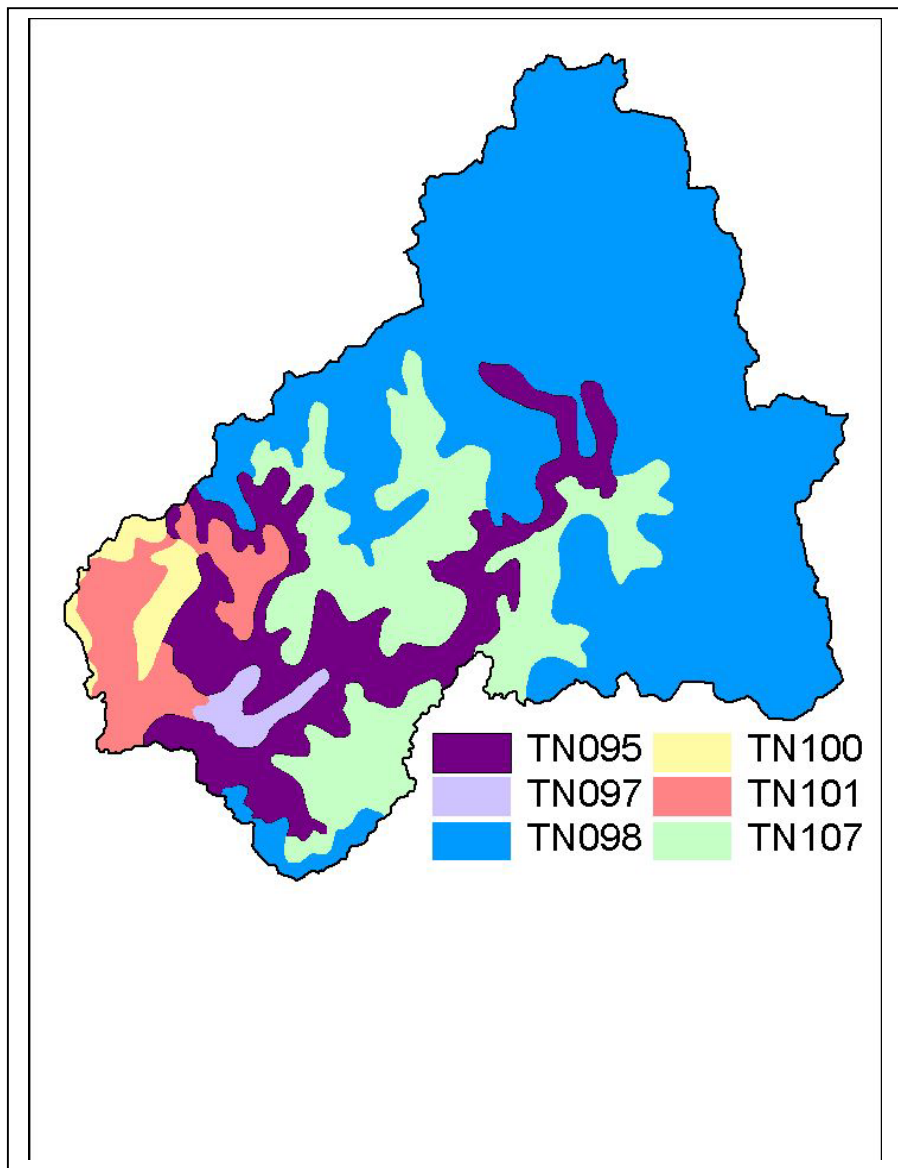
**4.2.A.i. General Description.**



**Figure 4-3. Illustration of Land Use Distribution in Subwatershed 0513010801.**



**Figure 4-4. Land Use Distribution in Subwatershed 0513010801.** More information is provided in Caney Fork-Appendix IV.



**Figure 4-5. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0513010801.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN097	0.00	B	1.62	5.55	Loam	0.32
TN098	1.00	C	3.98	4.82	Loam	0.32
TN100	0.00	B	1.14	3.35	Silty Loam	0.21
TN101	0.00	B	1.71	5.39	Loam	0.35
TN107	1.00	C	6.34	4.84	Loam	0.28

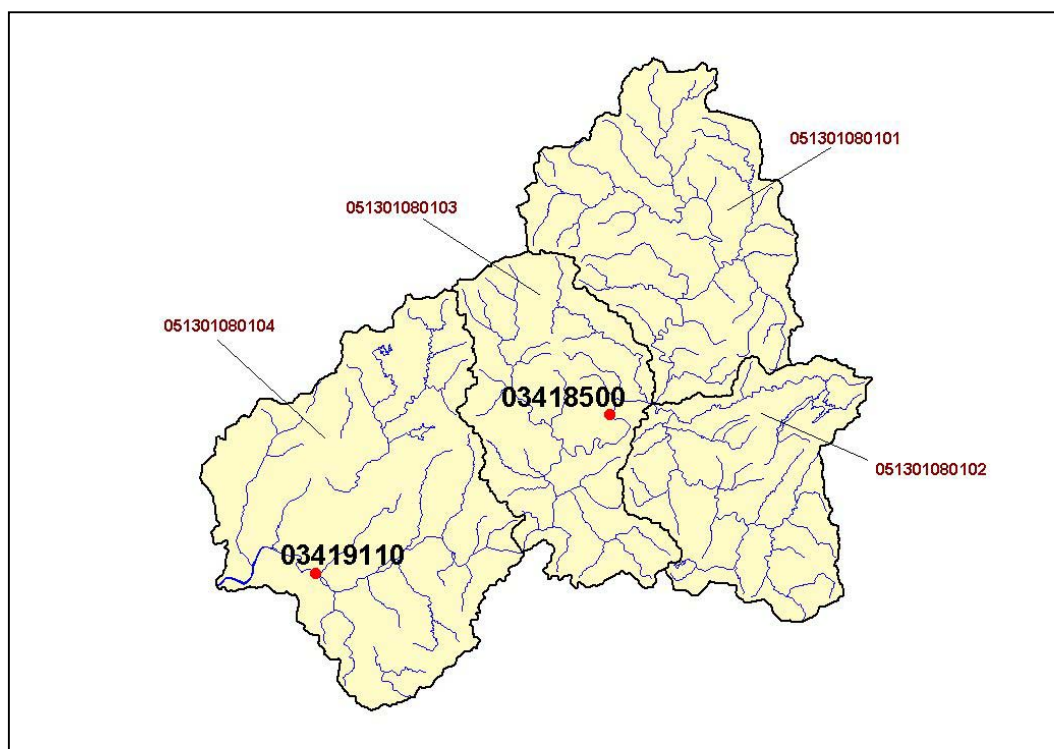
**Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0513010801.** More details are provided in Caney Fork-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Cumberland	34,736	43,217	16.82	5,842	7,269	24.4
Putnam	51,373	58,326	0.15	78	89	14.1
Van Buren	4,846	5,060	6.03	292	305	4.5
White	20,090	22,201	25.04	5,031	5,560	10.5
<b>Totals</b>	<b>11,045</b>	<b>128,804</b>		<b>11,243</b>	<b>13,223</b>	<b>17.6</b>

**Table 4-3. Population Estimates in Subwatershed 0513010801.**

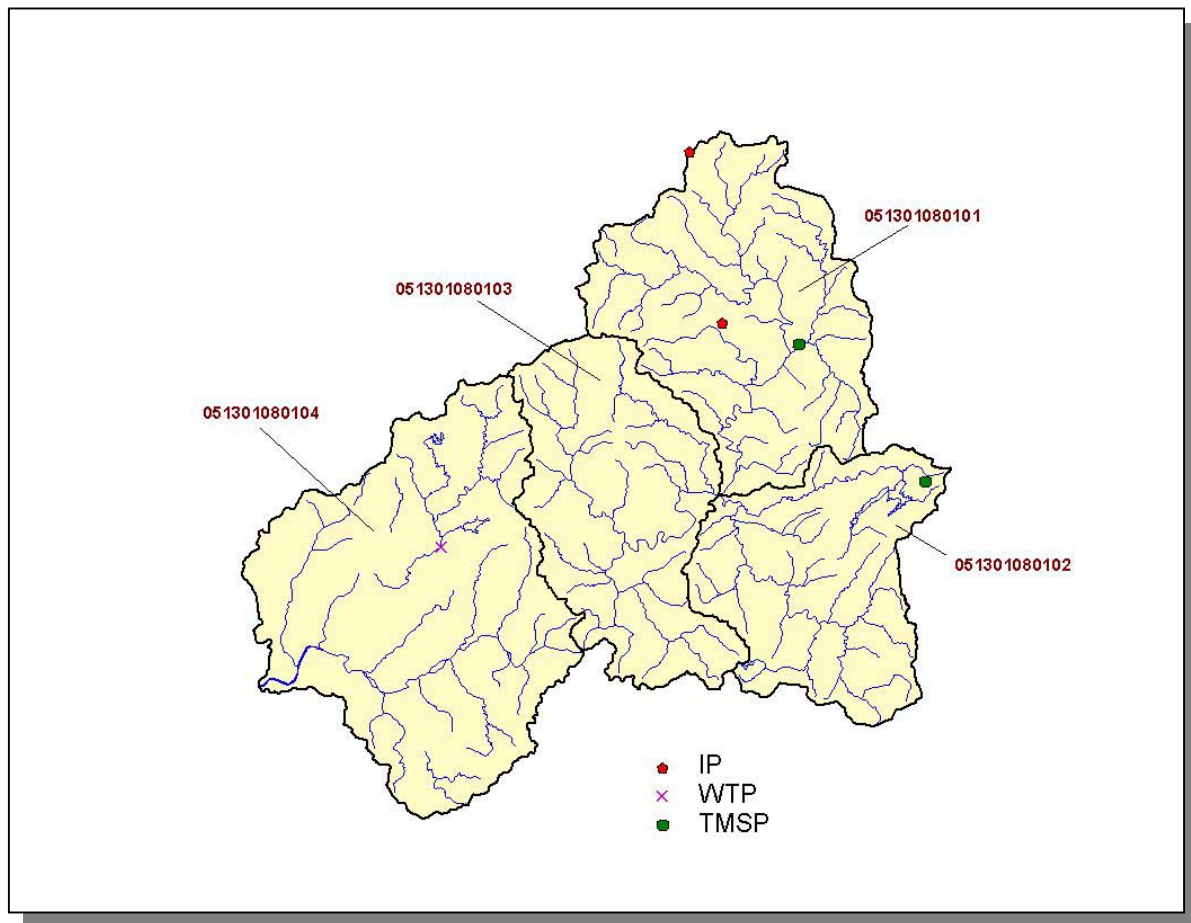
Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Pleasant Hill	Cumberland	474	228	77	151	0

**Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0513010801.**

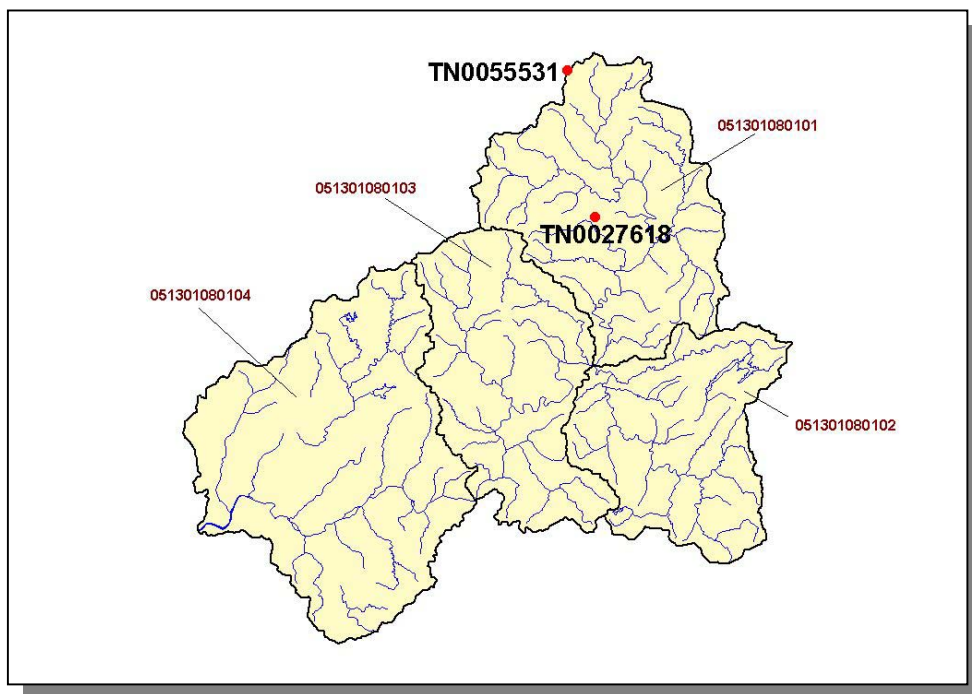


**Figure 4-6. Location of Historical Streamflow Data Collection Sites in Subwatershed 0513010801.** Subwatershed 051301080101, 051301080102, 051301080103, and 051301080104 boundaries are shown for reference. More information is provided in Caney Fork-Appendix IV.

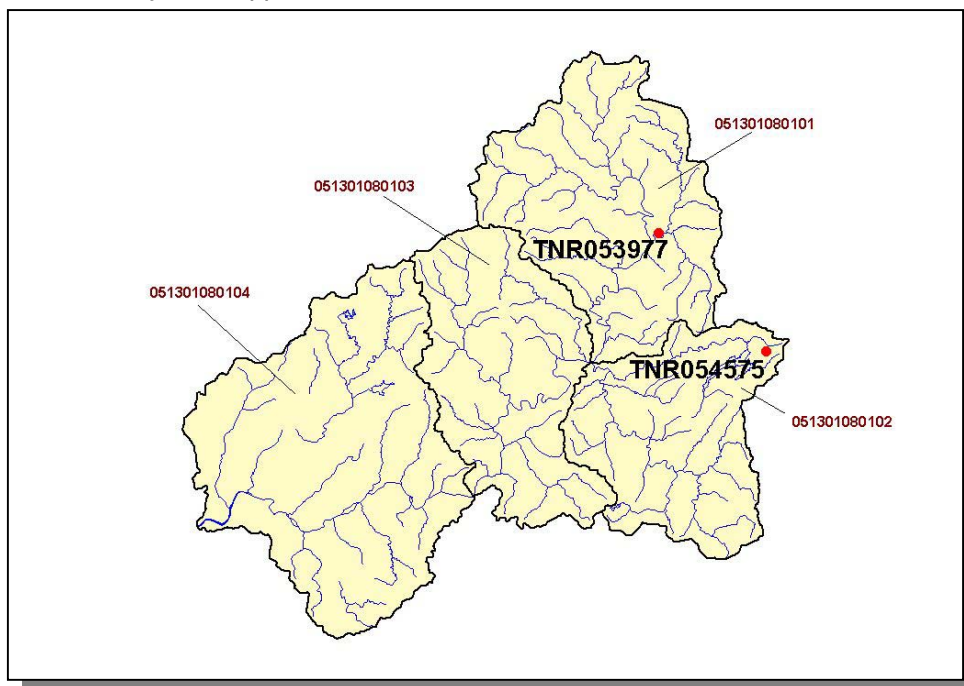
**4.2.A.ii** Point Source Contributions.



**Figure 4-7. Location of Active Point Source Facilities in Subwatershed 0513010801.** Subwatershed 0513010801, 0513010802, 0513010803, and 0513010804 boundaries are shown for reference. More information is provided in the following figures.

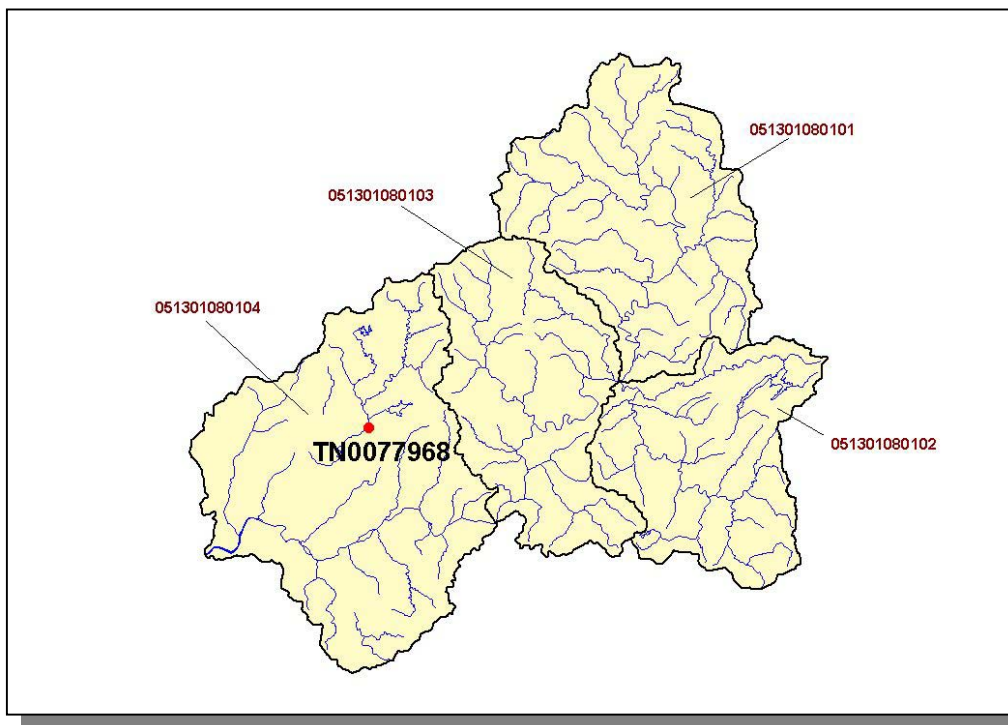


**Figure 4-8. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0513010801.** Subwatershed 051301080101, 051301080102, 051301080103, and 051301080104 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.



**Figure 4-9. Location of TMSP Facilities in Subwatershed 0513010801.** Subwatershed 051301080101, 051301080102, 051301080103, and 051301080104 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.





**Figure 4-10. Location of Water Treatment Plant Sites in Subwatershed 0513010801.** Subwatershed 051301080101, 051301080102, 051301080103, and 051301080104 boundaries are shown for reference. More information, including the names of facilities, is provided in Caney Fork-Appendix IV.



**4.2.A.iii. Nonpoint Source Contributions.**

<b>LIVESTOCK (COUNTS)</b>						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
2,017	6,560	1,309	10	5,233,413	26	13

**Table 4-5. Summary of Livestock Count Estimates in Subwatershed 0513010801.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	<b>INVENTORY</b>		<b>REMOVAL RATE</b>	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cumberland	320.3	320.3	5.9	22.5
Putnam	152.5	152.3	3.6	16.4
Van Buren	145.0	135.4	2.3	9.5
<b>Total</b>	<b>129.4</b>	<b>129.4</b>	<b>4.9</b>	<b>23.3</b>

**Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 0513010801.**

<b>CROPS</b>	<b>TONS/ACRE/YEAR</b>
Corn (Row Crops)	7.83
Soybeans (Row Crops)	4.11
Grass (Hayland)	0.26
Legume/Grass (Hayland)	0.14
Grass (Pastureland)	0.96
Grass, Forbs, Legumes (Mixed Pasture)	1.14
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.66
Nonagricultural Land Use	0.00
Conservation Reserve Program Land	0.27
Tobacco (Row Crops)	5.65
Wheat (Close Grown Cropland)	6.20
Fruit (Horticultural)	0.19
Other Cropland (Not Planted)	2.93

**Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 0513010801.**